

**From:** [Zell, Christopher](#)  
**To:** [Hodgkiss, Miranda](#); [Woodruff, Leigh](#)  
**Cc:** [Schary, Claire](#)  
**Subject:** RE: Burnt-Powder Basin TMDL  
**Date:** Wednesday, December 13, 2017 10:47:39 AM

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Yes, I understand that phosphorus is being targeted in the nutrient and algae work as part of N-Steps (may also want to give Rochelle a jingle).

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**From:** Hodgkiss, Miranda  
**Sent:** Wednesday, December 13, 2017 10:44 AM  
**To:** Woodruff, Leigh <Woodruff.L Leigh@epa.gov>  
**Cc:** Schary, Claire <Schary.Claire@epa.gov>; Zell, Christopher <zell.christopher@epa.gov>  
**Subject:** RE: Burnt-Powder Basin TMDL

I honestly don't know. I know they are doing some nutrient work, which likely includes phosphorus. Chris, do you know?

So far, my involvement has been to develop bacteria load duration curves for them.

Miranda Hodgkiss  
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U.S. EPA Region 10  
(206) 553-0692  
[hodgkiss.miranda@epa.gov](mailto:hodgkiss.miranda@epa.gov)

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**From:** Woodruff, Leigh  
**Sent:** Wednesday, December 13, 2017 10:39 AM  
**To:** Schary, Claire <[Schary.Claire@epa.gov](mailto:Schary.Claire@epa.gov)>; Hodgkiss, Miranda <[Hodgkiss.Miranda@epa.gov](mailto:Hodgkiss.Miranda@epa.gov)>  
**Subject:** RE: Burnt-Powder Basin TMDL

Good to know.

Miranda – will the Burnt/Powder TMDL address phosphorus? That is the issue in the challenge to the Snake River Hells Canyon TMDL, so any showing we can make that either OR or ID is even *working on* phosphorus TMDLs which enter the SRHC reach, is helpful. Thanks,  
Leigh

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**From:** Schary, Claire

**Sent:** Wednesday, December 13, 2017 11:32 AM

**To:** Zell, Christopher <[zell.christopher@epa.gov](mailto:zell.christopher@epa.gov)>; Woodruff, Leigh <[Woodruff.L Leigh@epa.gov](mailto:Woodruff.L Leigh@epa.gov)>

**Subject:** RE: Burnt-Powder Basin TMDL

I talked to Miranda and she said they are not closing to finishing the TMDL – maybe in early 2018 - and she's been helping them with load duration curves.

Claire Schary  
(206) 553-8514

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**From:** Zell, Christopher

**Sent:** Wednesday, December 13, 2017 10:30 AM

**To:** Woodruff, Leigh <[Woodruff.L Leigh@epa.gov](mailto:Woodruff.L Leigh@epa.gov)>; Schary, Claire <[Schary.Claire@epa.gov](mailto:Schary.Claire@epa.gov)>

**Subject:** RE: Burnt-Powder Basin TMDL

Woops. I replied just to Claire. Miranda is the lead on the Burnt Powder now, but if there is anything I can do to help please let me know.

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**From:** Woodruff, Leigh

**Sent:** Wednesday, December 13, 2017 10:29 AM

**To:** Schary, Claire <[Schary.Claire@epa.gov](mailto:Schary.Claire@epa.gov)>

**Cc:** Zell, Christopher <[zell.christopher@epa.gov](mailto:zell.christopher@epa.gov)>

**Subject:** RE: Burnt-Powder Basin TMDL

Thanks, I'll check with Chris.

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**From:** Schary, Claire

**Sent:** Wednesday, December 13, 2017 11:21 AM

**To:** Woodruff, Leigh <[Woodruff.L Leigh@epa.gov](mailto:Woodruff.L Leigh@epa.gov)>

**Cc:** Zell, Christopher <[zell.christopher@epa.gov](mailto:zell.christopher@epa.gov)>

**Subject:** Burnt-Powder Basin TMDL

To answer your question about tribs with work underway feeding into the Snake/Hells Canyon, there is one that Jenny's spreadsheet says DEQ has on its list – the Burnt River/Power River - but as of

early 2017, she said they were still collecting data and hadn't begun modeling work on it yet. My notes say they were planning to use QUAL2kW. Chris Zell is the assigned reviewer.

Claire Schary  
(206) 553-8514